



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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LAKE ERIE

LEZ444	Mi Waters Of Lake Erie								
Monroe Harbor	05	1716EST			0	0			Marine Tstm Wind (MG43)

LAKE ST CLAIR

LCZ423	Detroit River								
Grosse Ile	05	1716EST			0	0			Marine Tstm Wind (MG43)

MICHIGAN, East

Saginaw County									
Saginaw	05	2110EST			0	0			Thunderstorm Wind (EG57)

A tree brought down power lines as it fell onto a car at Ash and Hermansau in the City of Saginaw. Although the young woman driving the vehicle was frightened, she remained in her vehicle until Utility crews cleared the live power lines. She did not sustain any injuries.

Saginaw County									
Saginaw	05	2115EST			0	1			Thunderstorm Wind (EG57)

In the City of Saginaw on Emerson near Jefferson, a large tree, reportedly 6 feet in diameter, fell onto a man, trapping him under the branches. The man was not seriously injured.

Thunderstorms developed out ahead of a rapidly deepening surface low. A small bow echo took down trees and power lines across Saginaw County. This storm was responsible for cutting power to 6700 homes. Pea sized hail also accompanied this storm, blanketing the ground so thick in Merrill that it looked like snow

MIZ047-049-053>055-060>063-068>070-075>076-083	Midland - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Monroe
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06	1000EST				0	0	4.2M		High Wind (EG52)
	1600EST								

A deep and rapidly intensifying November storm system moved North-NorthEast through Southeast Lower Michigan during the morning. High winds along the associated cold front knocked down trees leading to widespread power outages. Winds were sustained out of the southwest at 30 to 40 mph with gusts as high as 60 mph from mid to late morning, becoming more westerly during the early afternoon. The highest winds occurred between 1000 EST and 1400 EST, taking their toll on trees still laden with the season's dying leaves. Street signs were toppled, traffic lights were sent spinning, and power lines were split. Many streets and roads had to be temporarily closed until trees blocking the way could be cleared. Utility companies reported approximately 200,000 customers lost power in Southeast Lower Michigan...with the majority of the outages occurring across Oakland and Wayne counties. Particularly hard hit were densely populated communities with mature trees like Detroit, Livonia, Westland, and Taylor. Property damage (mostly minor) was estimated at 4.2 million dollars. There were no reported deaths or injuries with this event. At least one business caught fire from downed power lines. Here are some official wind gusts recorded across the region.

Detroit Metro, 55 MPH.

Ypsilanti, 54 MPH.

Pontiac, 49 MPH.

Monroe, 49 MPH.

Detroit City, 48 MPH.

Troy, 47 MPH.

Flint, 46 MPH.

Mt Clemens, 46 MPH.

Ann Arbor, 45 MPH.

Howell, 45 MPH.

Saginaw, 45 MPH.

Bad Axe, 45 MPH.



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MICHIGAN, East

Shiawassee County

Vernon	09	0300EST			0	0	50K	Lightning
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Lightning struck a home on M71, surging through the entire house. The interior was a total loss because of smoke damage, but the house was still standing.

Genesee County

Flint	09	0400EST			0	0	50K	Lightning
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Lightning struck a home on Seymour Rd, between Bristol and Miller Roads in Vernon Township, causing a fire.

MIZ047-053

Midland - Saginaw

13		1000EST 1700EST			0	0	35K	High Wind (EG52)
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For the 2nd consecutive Sunday, a strong November low pressure system brought High winds to the area. The storm's associated cold front passed through the region during the morning, leading to wind gusts out of the west estimated at 60 mph across Midland and Saginaw Counties. Downed trees left approximately 4,000 homes without power in Midland. The Midland Fire Department made 23 wind-related runs on Sunday, including to a tree in the road at 1022 EST and to several trees down on power lines between noon and 1600 EST. One family was forced into an area shelter when a tree crashed into their home. Trained spotters also reported several trees came down around 1700 EST in the City of St. Charles in Saginaw County. There were no reported injuries with this event.

Lenawee County

Tecumseh	15	1749EST			0	0		Lightning
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Lightning struck the northwest corner of a home located at 509 Maple Drive in Tecumseh. The strike damaged the exterior and drywall of a bedroom.

Macomb County

2 W Disco to (Mtc)Mt Clemens/Self	15	1808EST			0	2	225K	Lightning
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Lightning struck a home located in the 55000 block of Ashbrooke Drive in the Northwest corner of Shelby Township. The strike blew up the mantle in the living room. The flying debris caused minor injuries to two school aged children. A fire broke out and spread from the living room to the basement. The Fire Department estimated damages between 200K and 250K.

Monroe County

Grape	15	1836EST			0	0		Thunderstorm Wind (EG50)
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A tree fell onto the road at Dixon and Ida-Maybee Roads.

MIZ047>048-053>055-060>063-068>070-075>076-082>083

Midland - Bay - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Lenawee - Monroe

15		2100EST			0	0	7.2M	Strong Wind (EG48)
16		1400EST						

MIZ049

Huron

16		0500EST 1400EST			0	0	15K	High Wind (EG52)
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This was the third powerful storm to hit the area in a week and a half, leading to yet another round of strong winds. An impressive warm front lifted north through Southeast Lower Michigan during the afternoon and evening of the 15th. Thunderstorms developed within the warm sector as the cold front approached from the west. Intense cloud to ground lightning was observed and one storm actually became severe in Monroe County, where a tree fell onto a road. The cold front pushed through during the evening, leading to another period of strong winds, occurring through the early morning hours. Southwest winds were sustained at 25 to 35 mph, gusting to around 50 mph, with the exception Huron County, where wind gusts estimated near 60 mph brought down trees along the lakeshore from Caseville to Grindstone City. Heavy rains also occurred across the region, and the combination of winds and rain led to property damage estimated at 7.2 million dollars. At 430 EST on the 16th, One man was killed (indirect) and another injured (indirect) in a vehicle collision caused by a tree that had fallen into the road (Grange Hall Road near Brandt Road in Groveland Township) due to the strong gusty winds.